EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 1. Registration Information

Source Identification

Facility Name: Praxair Distribution, Inc - Kingman, AZ

Parent Company #1 Name: Praxair, Inc.

Parent Company #2 Name:

Submission and Acceptance

Submission Type: Re-submission

Subsequent RMP Submission Reason: Revised OCA due to change (40 CFR 68.190(b)(6))

Description:

Receipt Date: 02-Apr-2012
Postmark Date: 02-Apr-2012
Next Due Date: 02-Apr-2017
Completeness Check Date: 02-Dec-2013

Complete RMP: Yes

De-Registration / Closed Reason:

De-Registration / Closed Reason Other Text:

De-Registered / Closed Date:

De-Registered / Closed Effective Date:

Certification Received: Yes

Facility Identification

EPA Facility Identifier: 1000 0012 8925
Other EPA Systems Facility ID: 86401PRXRNI40GR

Dun and Bradstreet Numbers (DUNS)

Facility DUNS: 612796912
Parent Company #1 DUNS: 197154586

Parent Company #2 DUNS:

Facility Location Address

Street 1: Interstate 40 & Griffith Road

Street 2:

City: Kingman State: ARIZONA ZIP: 86401

ZIP4:

County: MOHAVE

Facility Latitude and Longitude

Latitude (decimal): 35.027778

Longitude (decimal): -114.136111

Lat/Long Method: Interpolation - Digital map source (TIGER)

Lat/Long Description: Center of Facility

Horizontal Accuracy Measure: 2

Horizontal Reference Datum Name: North American Datum of 1983

Source Map Scale Number:

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Owner or Operator

Praxair Distribution Inc. **Operator Name:** Operator Phone: (928) 718-8221

Mailing Address

P.O. Box 6157 Operator Street 1:

Operator Street 2:

Operator City: Kingman Operator State: **ARIZONA** Operator ZIP: 86402 Operator ZIP4: 6157

Operator Foreign State or Province:

Operator Foreign ZIP: Operator Foreign Country:

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person: Trey Huntoon RMP Title of Person or Position: **Operations Manager**

RMP E-mail Address: Trey_Huntoon@Praxair.com

Emergency Contact

Emergency Contact Name: Trey Huntoon **Emergency Contact Title: Operations Manager Emergency Contact Phone:** (928) 718-8284 Emergency Contact 24-Hour Phone: (928) 542-8107

Emergency Contact Ext. or PIN:

Emergency Contact E-mail Address: Trey_Huntoon@Praxair.com

Other Points of Contact

Facility or Parent Company E-mail Address: info@praxair.com (800) 772-9247 Facility Public Contact Phone:

Facility or Parent Company WWW Homepage

Address:

www.praxair.com

Local Emergency Planning Committee

LEPC: Mohave County LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site: 51

FTE Claimed as CBI:

Covered By

OSHA PSM: Yes EPCRA 302: Yes CAA Title V: Yes

Air Operating Permit ID: 31094 + 50361

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency)

Date:

Last Safety Inspection Performed By an External

Agency:

25-Oct-2011

EPA

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:

Preparer Phone:

Preparer Street 1:

Preparer Street 2:

Preparer City:

Preparer State:

Preparer ZIP:

Preparer ZIP4:

Preparer Foreign State:

Preparer Foreign Country:

Preparer Foreign ZIP:

Confidential Business Information (CBI)

CBI Claimed:

Substantiation Provided:

Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:

See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID: 1000032215

Description: Aqua Ammonia System

Process Chemical ID: 1000039199

Program Level: Program Level 3 process
Chemical Name: Ammonia (conc 20% or greater)

CAS Number: 7664-41-7

Quantity (lbs): 25000

CBI Claimed:

Flammable/Toxic: Toxic

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Process ID: 1000032211

Description: Silane Transfill

Process Chemical ID: 1000039194

Program Level: Program Level 1 process

Chemical Name: Silane
CAS Number: 7803-62-5
Quantity (lbs): 15000

CBI Claimed:

Flammable/Toxic: Flammable

Process ID: 1000032212

Description: Trichlorosilane transfill

Process Chemical ID: 1000039195

Program Level: Program Level 1 process

Chemical Name: Trichlorosilane [Silane, trichloro-]

CAS Number: 10025-78-2 Quantity (lbs): 150000

CBI Claimed:

Flammable/Toxic: Flammable

Process ID: 1000032213

Description: Ammonia Purification

Process Chemical ID: 1000039196

Program Level: Program Level 3 process
Chemical Name: Ammonia (anhydrous)

CAS Number: 7664-41-7

Quantity (lbs): 245000

CBI Claimed:

Flammable/Toxic: Toxic

Process ID: 1000032214

Description: Dichlorosilane Storage

Process Chemical ID: 1000039197

Program Level: Program Level 1 process

Chemical Name: Dichlorosilane [Silane, dichloro-]

CAS Number: 4109-96-0

Quantity (lbs): 50600

CBI Claimed:

Flammable/Toxic: Flammable

Process NAICS

 Process ID:
 1000032213

 Process NAICS ID:
 1000032492

Program Level: Program Level 3 process

NAICS Code: 42469

NAICS Description: Other Chemical and Allied Products Merchant

Wholesalers

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Process ID: 1000032214
Process NAICS ID: 1000032493

Program Level: Program Level 1 process

NAICS Code: 42469

NAICS Description: Other Chemical and Allied Products Merchant

Wholesalers

Process ID: 1000032211
Process NAICS ID: 1000032494

Program Level: Program Level 1 process

NAICS Code: 42469

NAICS Description: Other Chemical and Allied Products Merchant

Wholesalers

Process ID: 1000032212
Process NAICS ID: 1000032495

Program Level: Program Level 1 process

NAICS Code: 42469

NAICS Description: Other Chemical and Allied Products Merchant

Wholesalers

Process ID: 1000032215
Process NAICS ID: 1000032496

Program Level: Program Level 3 process

NAICS Code: 42469

NAICS Description: Other Chemical and Allied Products Merchant

Wholesalers

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000026578

Percent Weight: 100.0

Physical State: Gas liquified by pressure Model Used: EPA's RMP*Comp(TM)

Release Duration (mins):10Wind Speed (m/sec):1.5Atmospheric Stability Class:FTopography:Rural

Passive Mitigation Considered

Dikes: Yes Enclosures:

Berms:
Drains:
Sumps:
Other Type:

Toxic Worst ID: 1000026579

Percent Weight: 30.0
Physical State: Liquid

Model Used: EPA's RMP*Comp(TM)

Release Duration (mins): 10
Wind Speed (m/sec): 2.5
Atmospheric Stability Class: F
Topography: Rural

Passive Mitigation Considered

Dikes: Enclosures:

Berms:
Drains:
Sumps:
Other Type:

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000028427

Percent Weight: 100.0

Physical State: Gas liquified by pressure Model Used: EPA's RMP*Comp(TM)

Wind Speed (m/sec): 3.0
Atmospheric Stability Class: D
Topography: Rural

Passive Mitigation Considered

Dikes: Yes

Enclosures:
Berms:
Drains:
Sumps:
Other Type:

Active Mitigation Considered

Sprinkler System: Deluge System: Water Curtain: Neutralization:

Excess Flow Valve: Yes

Flares:

Scrubbers: Yes Emergency Shutdown: Yes

Other Type:

Toxic Alter ID: 1000028428

Percent Weight: 30.0
Physical State: Liquid

Model Used: EPA's RMP*Comp(TM)

Wind Speed (m/sec):
Atmospheric Stability Class:
D
Topography:
Rural

Passive Mitigation Considered

Dikes: Yes

Enclosures:
Berms:
Drains:
Sumps:
Other Type:

Active Mitigation Considered

Sprinkler System: Deluge System: Water Curtain: Neutralization: Excess Flow Valve:

Flares: Scrubbers:

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Emergency Shutdown:

Yes

Other Type:

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 4. Flammables: Worst Case

Flammable Worst ID: 1000019672

Model Used: EPA's RMP*Comp(TM)

Endpoint used: 1 PSI

Passive Mitigation Considered

Blast Walls: Other Type:

Flammable Worst ID: 1000019673

Model Used: EPA's RMP*Comp(TM)

Endpoint used: 1 PSI

Passive Mitigation Considered

Blast Walls:

Other Type: Dikes

Flammable Worst ID: 1000019674

Model Used: EPA's RMP*Comp(TM)

Endpoint used: 1 PSI

Passive Mitigation Considered

Blast Walls: Other Type:

EPA Facility Identifier: 1000 0012 8925

Section 5. Flammables: Alternative Release

No records found.

Plan Sequence Number: 1000026320

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 6. Accident History

No records found.

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 7. Program Level 3

Description

The OSHA Process Safety Management standard applies to this process, and is the basis for the Prevention Program

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID: 1000033682

Chemical Name: Ammonia (anhydrous)

Flammable/Toxic: Toxic CAS Number: 7664-41-7

Prevention Program Level 3 ID: 1000027998 NAICS Code: 42469

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):

20-Sep-2011

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA

update):

20-Sep-2011

The Technique Used

What If:

Checklist:

What If/Checklist:

HAZOP: Yes

Failure Mode and Effects Analysis:

Fault Tree Analysis: Other Technique Used:

PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):

20-Sep-2012

Major Hazards Identified

Toxic Release: Yes Fire: Yes

Explosion: Yes

Runaway Reaction:

Polymerization:

Overpressurization: Yes

Corrosion:

Overfilling: Yes

Contamination:

Equipment Failure: Yes

Loss of Cooling, Heating, Electricity, Instrument Air: Yes

Earthquake:

Floods (Flood Plain):

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Tornado: Hurricanes:

Other Major Hazard Identified:

Process Controls in Use

Vents: Yes Relief Valves: Yes

Check Valves: Yes Scrubbers: Yes

Flares:

Manual Shutoffs: Yes
Automatic Shutoffs: Yes
Interlocks: Yes
Alarms and Procedures: Yes

Keyed Bypass:

Emergency Air Supply: Emergency Power: Backup Pump:

Grounding Equipment: Yes

Inhibitor Addition:

Rupture Disks: Yes Excess Flow Device: Yes

Quench System:

Purge System: Yes

None:

Other Process Control in Use:

Mitigation Systems in Use

Sprinkler System:

Dikes: Yes

Fire Walls:
Blast Walls:
Deluge System:
Water Curtain:
Enclosure:
Neutralization:

None:

Other Mitigation System in Use:

Monitoring/Detection Systems in Use

Process Area Detectors: Yes

Perimeter Monitors:

None:

Other Monitoring/Detection System in Use:

Changes Since Last PHA Update

Reduction in Chemical Inventory:

Increase in Chemical Inventory: Yes

Change Process Parameters: Installation of Process Controls:

Installation of Process Detection Systems: Yes

EPA Facility Identifier: 1000 0012 8925

Installation of Perimeter Monitoring Systems:

Installation of Mitigation Systems:

None Recommended:

None:

Other Changes Since Last PHA or PHA Update:

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):

13-Jan-2012

Plan Sequence Number: 1000026320

Training

Training Revision Date (The date of the most recent 06-Mar-2012 review or revision of training programs):

The Type of Training Provided

Classroom:
On the Job:
Other Training:

Yes Yes

The Type of Competency Testing Used

Written Tests:

Oral Tests: Yes
Demonstration: Yes
Observation: Yes

Other Type of Competency Testing Used:

Maintenance

Maintenance Procedures Revision Date (The date of 15-Dec-2011 the most recent review or revision of maintenance procedures):

Equipment Inspection Date (The date of the most recent equipment inspection or test):

27-Sep-2011

Equipment Tested (Equipment most recently inspected or tested):

PRV's

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):

22-Feb-2012

Change Management Revision Date (The date of the most recent review or revision of management of change procedures):

Pre-Startup Review

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Pre-Startup Review Date (The date of the most

recent pre-startup review):

19-Sep-2011

Compliance Audits

Compliance Audit Date (The date of the most recent 12-Mar-2012 compliance audit):

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):

30-Aug-2012

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):

13-Jan-2012

18-Jan-2012

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):

18-Oct-2011

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most 04-Aug-2011 recent review or revision of hot work permit procedures):

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):

09-Jan-2012

Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):

06-Mar-2012

Confidential Business Information

CBI Claimed:

Description

The OSHA Process Safety Management standard applies to this process, and is the basis for the Prevention Program.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID: 1000034720

Chemical Name: Ammonia (conc 20% or greater)

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Flammable/Toxic: Toxic CAS Number: 7664-41-7

Prevention Program Level 3 ID: 1000029076 NAICS Code: 42469

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):

20-Sep-2011

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):

20-Sep-2011

The Technique Used

What If:

Checklist:

What If/Checklist:

HAZOP:

Failure Mode and Effects Analysis:

Fault Tree Analysis: Other Technique Used:

PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):

20-Sep-2012

Yes

Major Hazards Identified

Toxic Release: Yes Fire: Yes

Explosion:

Runaway Reaction: Polymerization:

Overpressurization: Yes

Corrosion:

Overfilling: Yes

Contamination:

Equipment Failure: Yes Loss of Cooling, Heating, Electricity, Instrument Air: Yes

Earthquake:

Floods (Flood Plain):

Tornado: Hurricanes:

Other Major Hazard Identified:

Process Controls in Use

Vents:YesRelief Valves:YesCheck Valves:YesScrubbers:Yes

Flares:

Facility Name: Praxair Distribution, Inc - Kingman, AZ EPA Facility Identifier: 1000 0012 8925	Plan Sequence Number: 100002632
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	Yes
None:	
Other Process Control in Use:	
Mitigation Systems in Use	
Sprinkler System:	
Dikes:	Yes
Fire Walls:	
Blast Walls:	
Deluge System:	
Water Curtain:	
Enclosure:	
Neutralization:	
None:	
Other Mitigation System in Use:	
Monitoring/Detection Systems in Use	
Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	
Changes Since Last PHA Update	
Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	
Installation of Process Controls:	
Installation of Process Detection Systems:	Yes
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	
Other Changes Since Last PHA or PHA Update:	
Review of Operating Procedures	
Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	15-Nov-2011

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Training

Training Revision Date (The date of the most recent 06-Mar-2012 review or revision of training programs):

The Type of Training Provided

Classroom: Yes On the Job: Yes

Other Training:

The Type of Competency Testing Used

Written Tests:

Oral Tests: Yes
Demonstration: Yes
Observation: Yes

Other Type of Competency Testing Used:

Maintenance

Maintenance Procedures Revision Date (The date of 05-Feb-2011 the most recent review or revision of maintenance procedures):

Equipment Inspection Date (The date of the most recent equipment inspection or test):

09-Nov-2011

Equipment Tested (Equipment most recently inspected or tested):

PRV's

Management of Change

Change Management Date (The date of the most o9-Sep-2011 recent change that triggered management of change procedures):

Change Management Revision Date (The date of the most recent review or revision of management of change procedures):

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):

19-Sep-2011

Compliance Audits

Compliance Audit Date (The date of the most recent 16-Feb-2012 compliance audit):

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):

30-Aug-2012

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):

30-Nov-2011 30-Nov-2011

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):

18-Oct-2011

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most 04-Aug-2011 recent review or revision of hot work permit procedures):

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):

09-Jan-2012

Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):

06-Mar-2012

Confidential Business Information

CBI Claimed:

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 8. Program Level 2

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):

Yes

Facility Plan (Does facility have its own written emergency response plan?):

Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):

Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):

Yes

Healthcare (Does facility's ER plan include information on emergency health care?):

Yes

Emergency Response Review

Review Date (Date of most recent review or update 17-Feb-2012 of facility's ER plan):

Emergency Response Training

Training Date (Date of most recent review or update 13-Oct-2011 of facility's employees):

Local Agency

Agency Name (Name of local agency with which the Mojave County LEPC facility ER plan or response activities are coordinated):

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):

(928) 757-0910

Subject to

OSHA Regulations at 29 CFR 1910.38:

OSHA Regulations at 29 CFR 1910.120:

Yes

Clean Water Regulations at 40 CFR 112:

RCRA Regulations at CFR 264, 265, and 279.52:

OPA 90 Regulations at 40 CFR 112, 33 CFR 154,

49 CFR 194, or 30 CFR 254: State EPCRA Rules or Laws:

Yes

Other (Specify):

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Executive Summary

Facility Description

The Praxair Kingman, Arizona plant, which began operation in October 1990, is situated on 188 acres adjacent to Interstate 40 in Mohave County, Arizona. The plant consists of the production area, Silane, Dichlorosilane and Trichlorosilane filling/recovery area, Ammonia purification and filling, liquid products filling (halocarbons), cylinder maintenance and repair shop, covered storage area and shipping dock and office area. A separate building houses the maintenance department. Pure products are repackaged (filled) from bulk containers into compressed gas cylinders. Silane, Trichlorosilane, Dichlorosilane and Ammonia are examples. Silane mixtures of gases are made and packaged on site. Hydrogen is used as a purge gas, high-oxidation fuel source and as a mixture gas.

Regulated Substances

This facility uses, manufactures, or stores a chemical listed in part 68 of Title 40 of the Code of Federal Regulations, beyond a threshold quantity, as established by the EPA;

- >Silane Semiconductor dopant and chemical vapor deposition
- >Trichlorosilane Semiconductor dopant and chemical vapor deposition
- >Anhydrous Ammonia Semiconductor chemical vapor deposition
- >Dichlorosilane Semiconductor dopant and chemical vapor deposition
- >Hydrogen is used in the Silane process but the quantity of hydrogen is below the threshold quantity.
- >Aqueous Ammonia Anhydrous ammonia recovered in water solution.

Accidental Release Prevention Policy

Praxair is dedicated to being the best performing industrial gas company in all aspects of our business, including safety, health, and environmental affairs. Our safety, health, and environmental policy call for a commitment to protecting the health and safety of our employees, neighbors, and the surrounding environment. This policy is the basis for engineering and construction programs that produce equipment and process systems that minimize the possibility of accidental chemical releases and operational safety programs that ensure safe operation of our facilities. Praxair is committed to the continuous improvement of these programs.

Praxair is an active member of the American Chemistry Council and subscribes to the council's program of Responsible Care® Employee Health and Safety Code of Management Practices.

Prevention Program

In accordance with OSHA's Process Safety Management standard and EPA's Risk Management Program rule, the Praxair Kingman, Arizona facility has a comprehensive accident prevention program in place. This program is built around process safety concepts such as:

- -> Technical documentation of Process Safety Information, describing the physical properties of the hazardous substances, the safety systems in place to control these substances, and the critical operating parameters of the associated equipment and systems.
- -> Procedures and programs to develop, maintain, and control key program elements such as process operations, equipment mechanical integrity, employee training, management of change, hot work permits, incident investigation, and contractor activity.
- -> Initial and periodic review of new or modified processes through application of comprehensive design safety and management of change programs that include Process Hazard Analysis study and pre-startup review.

Praxair has an employee participation program that promotes involvement in the process safety program and helps ensure understanding of facility-specific elements of the safety program.

The prevention program is audited periodically, by our corporate assessment group, to ensure that the process safety concepts and practices are in place and working effectively.

EPA Facility Identifier: 1000 0012 8925 Plan Sequence Number: 1000026320

Chemical-specific Prevention Steps

In addition to the required prevention program elements, we have implemented safety features specific to the covered processes at our facility. Following is a description of some of these safety features.

The Praxair Kingman, Arizona facility has extensive personnel and process monitoring to detect gas releases or out-of-control processes. Upon reaching certain thresholds set at or below American Conference of Governmental Industrial Hygienists (ACGIH) levels, alarms will sound throughout the plant prompting a site evacuation if necessary and resulting in the immediate and automatic shutdown of all gas production, valves, and transfer operations. In addition to the engineering controls mentioned above, administrative controls consisting of personnel attendance is conducted at preset locations within the site. Following a site evacuation, trained first responders from the Praxair LEAP program will be deployed to investigate and take appropriate action to mitigate any incident. An investigation is conducted following the incident with corrective action to prevent reoccurrence.

Emergency Response Programs

Praxair has an emergency response program in place to minimize the effects of accidental release of regulated substances on employees, the public, and the environment. The Praxair Kingman, Arizona location will be a "responding facility" as defined in section 8.1 of the CEPPO General Guidance for Risk Management Programs (July 1998), i.e. Praxair employees will respond to all incidents. Praxair has established a Local Emergency Assistance Program (LEAP) to provide emergency response expertise for the unique industrial gas products and equipment we handle. All LEAP employees are trained in their role in the emergency plan and emergency drills are conducted at least annually. In addition, Praxair has in place a detailed site and community emergency response plan that meets the requirements of OSHA 29 CFR 1910.38 and EPA RMP 40 CFR 68.95. The community response plan has been developed in coordination with the Mohave County, Arizona Local Emergency Planning Committee (LEPC) for regulated toxics and the Golden Valley Fire Department for regulated flammables.

Planned Changes to Improve Safety

Praxair has a commitment to safety that is expressed in a company-wide goal of "Zero/Zero", which means zero accidents and zero injuries or illnesses at each and every location. We look to constantly improve the safety of our processes using recommendations developed through the prevention program and a program soliciting safety suggestions from our employees.